

**IN THE CLAIMS:**

This listing of claims will replace all prior versions and listings of claims in this application:

What is claimed is:

1(canceled).

2(canceled).

3(Currently amended). ~~Apparatus according to claim 2~~ A flight altering apparatus for a projectile, comprising:

a frame member;

a plurality of fins each connected to said frame member by a pivot and surrounding said projectile, said plurality of fins further comprising:

\_\_\_\_\_ a plurality of main fins; and

\_\_\_\_\_ a plurality of auxiliary fins, each connected to two adjacent ones of said main fins to present a total fin surface to the airflow, when deployed, which is continuous and extends 360° around said projectile without any voids, so as to provide for maximum braking action;

a caging arrangement to maintain said fins in a stowed condition and operable, when activated, to allow deployment of said fins;

coupling means connected adjacent ones of said fins to evenly reduce and distribute aerodynamic loads on said fins and pivots when deployed during flight of said projectile;

and wherein:

each said main fin includes side flanges;

each said side flange includes a slot;

each said auxiliary fin includes side flanges;

each said side flange of said auxiliary fin fitting through said slot in said side flange of an adjacent one of said main fins.

4(cancelled).

5(cancelled).

6(currently amended). ~~Apparatus according to claim 1~~ A flight altering apparatus for a projectile, comprising:

a frame member;

a plurality of fins each connected to said frame member by a pivot and surrounding said projectile;

a caging arrangement to maintain said fins in a stowed condition and operable, when activated, to allow deployment of said fins;

coupling means connected adjacent ones of said fins to evenly reduce and distribute aerodynamic loads on said fins and pivots when deployed during flight of said projectile;

and wherein:

each said fin has a triangular central segment and first and second triangular fin segments contiguous with said triangular central segment and pivotable about said central segment along first and second hinge lines.

7(previously presented). Apparatus according to claim 6 wherein:

said caging arrangement includes a first wire connected to all said first fin segments and a second wire connected to all said second fin segments for independently deploying said first fin segments and said second fin segments.

8(previously presented). Apparatus according to claim 7 wherein:

said caging arrangement additionally includes a third wire connected to all said central segments.

9(previously presented). Apparatus according to claim 6 wherein:

said coupling means is a wire connecting adjacent ones of said fins.

10(previously presented). Apparatus according to claim 7 which includes:

a spring member attached to an end of said fin to assist in deployment of said first fin segment or said second fin segment.

11(previously presented). Apparatus according to claim 6 which includes

a plurality of spring members, each connected to a fin for assisting in the deployment of said fin after said caging arrangement is activated to allow deployment of said fins.

12(previously presented). Apparatus according to claim 6 wherein:

said frame is circular;

four of said fins are provided on said frame, two of said fins being diametrically opposed along a vertical line and the other two of said fins being diametrically opposed along a horizontal line;  
said caging arrangement being operable to selectively deploy predetermined combinations of said fin segments.

13(previously presented). Apparatus according to claim 12 which includes:  
a plurality of other fins disposed on said frame between said fins with  
said fin segments; and  
said coupling means is a wire connecting adjacent ones of said fins.

14. (currently amended). ~~Apparatus according to claim 1~~ A flight altering apparatus for a projectile, comprising:  
a frame member;  
a plurality of fins each connected to said frame member by a pivot and surrounding said projectile;  
a caging arrangement to maintain said fins in a stowed condition and operable, when activated, to allow deployment of said fins;  
coupling means connected adjacent ones of said fins to evenly reduce and distribute aerodynamic loads on said fins and pivots when deployed during flight of said projectile;  
and wherein:  
each said fin has first and second edges and a preformed concave surface between said edges, adjacent an end thereof;

said caging arrangement is operable to deform said fin to a convex orientation which is essentially conformal to said frame member;

said caging arrangement being operable, when activated, to preformed condition; and

said coupling means is a wire connecting adjacent ones of said fins.

15(previously presented). Apparatus according to claim 14 which includes:

a plurality of spring members, each connected to a fin for assisting in the deployment of

said fin after said caging arrangement is activated to allow deployment of said fins.